

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

~~Claim 1.~~ (Currently amended)[[:]] ~~Bottomer~~ A base insert device
~~for cross bottom valve sacks~~ for making cross bottoms on cross
bottom valve paper bags, ~~which exhibit the following features~~
comprising:

~~Folding~~ folding devices[[:]] ~~which~~ that make folds at the
ends of ~~the~~ tube sections[[:]] from which the bags are produced
to make a folded bottom;

one or more gluing stations[[:]] ~~which~~ that provide glue
spread to ~~the~~ areas of the folds to be glued and/or ~~the~~ to labels
provided with the bottom for gluing[[:]];

at least one press compaction deck[[:]] in which the folded
bottoms and the labels are brought ~~in~~ into contact with each
other and glued[[:]];

~~characterized in that~~

at least one glue deck ~~is~~ provided for the labels and/or
bottoms, ~~which~~ the glue deck ~~is~~ being equipped with glue
outlets[[:]] which can be fed selectively, ~~whereby,~~ such that
through ~~the~~ selection of the glue outlets[[:]] ~~the~~ a format of
the glue spread ~~(6,7,8,9)~~ can be defined; and

~~these glue outlets are assigned to~~ at least one application head ~~(1), on which~~ to which the glue outlets are assigned, the application head ~~(1)~~ having mounted thereon a valve ~~(3) is mounted,~~ which can selectively open and shut ~~the~~ a connection between the glue outlets and a glue feed ~~(4a, 4b, 13),~~

the glue feed ~~comprises~~ including at least one chamber ~~(15),~~ through which at least one part of the valves ~~(3)~~ is fed with the glue and which has a diameter of at least 5 mm in at least one place[[,]]

and ~~the glue feed comprises~~ at least one pipeline ~~(10),~~ which ~~reaches through~~ extends up to the application head.

Claim 2. (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant to the preceding claim characterized in that this~~ according to claim 1 wherein the chamber ~~(5)~~ has a diameter of at least 7 mm.

Claim 3. (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant to the preceding claim characterized in that this~~ according to claim 2 wherein the chamber ~~(15)~~ has a diameter of at least 10 mm.

Claim 4. (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant to the preceding claim characterized in that this~~

according to claim 3 wherein the chamber (15) has a diameter of at least 15 mm.

~~Claim 5.~~ (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant~~ according to claim 1 ~~characterized in that this~~ wherein the chamber (15) is arranged in the application head (1) or directly on the application head (1).

~~Claim 6.~~ (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant~~ according to claim 1 ~~characterized in that this~~ wherein the chamber (15) ~~runs~~ extends linearly in ~~the~~ a spatial direction (y) perpendicular to ~~the~~ a transport direction of the bag components (x).

~~Claim 7.~~ (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant~~ according to claim 1 ~~characterized in that~~ wherein at least two of the valves (3), which are supplied with glue from the ~~same~~ chamber (15) are arranged in an overlapping manner when ~~seen~~ viewed in ~~the~~ a spatial direction (y), ~~which that~~ that extends perpendicular to ~~the~~ a feed direction (x) of the bag components.

~~Claim 8.~~ (Currently amended)[[:]] ~~Base~~ The base insert device ~~pursuant~~ according to claim 1 ~~characterized in that the~~ wherein a sum of ~~the measures~~ dimensions of the valves (3) in ~~the~~ a spatial direction (y) perpendicular to ~~the~~ a bag feed direction (x) is

larger than ~~the~~ a length of the chamber ~~(15)~~ in ~~the~~ a spatial direction ~~(y)~~ perpendicular to the feed direction ~~(x)~~, whereby with all of the valves (3) are being supplied with glue from ~~this~~ the chamber ~~(15)~~.

Claim 9. (Currently amended)[[:]] Base The base insert device pursuant according to claim 1 ~~characterized in that the~~ wherein a volume of the chamber ~~(15)~~ has a ratio of at least 1.5 to ~~the~~ a volume sum of all of the glue connections ~~(11, 16)~~ to and from the valves ~~(3)~~, which are supplied with glue from ~~this~~ the chamber.

Claim 10. (Currently amended)[[:]] Base The base insert device pursuant according to claim 1 ~~characterized in that~~ wherein the gluing station ~~comprises~~ includes several a plurality of chambers ~~(15) whereby~~ such that every chamber ~~(15)~~ supplies one part of the valves ~~(3)~~ in each case with glue.

Claim 11. (Currently amended)[[:]] Base The base insert device pursuant according to claim 1 ~~characterized in that~~ wherein the chamber ~~(15)~~ has a rectangular cross-section.

Claim 12. (Currently amended)[[:]] Base The base insert device pursuant according to claim 1 ~~characterized in that~~ wherein the chamber ~~(15)~~ has a circular cross-section.

~~Claim 13.~~ (Currently amended)[[:]] ~~Base~~ The base insert device
~~pursuant to the preceding claim characterized in that~~ according
to claim 1 wherein the chamber ~~(15)~~ is a borehole that is
inserted into the application head.

~~Claim 14.~~ (Currently amended)[[:]] ~~Base~~ The base insert device
~~pursuant~~ according to claim 1 ~~characterized in that~~ wherein at
least one glue supplying line ~~(4a, 13)~~ via which glue is supplied
to the chamber ~~(15)~~ engages into the chamber ~~(15)~~.

~~Claim 15.~~ (Currently amended)[[:]] ~~Base~~ The base insert device
~~pursuant to the preceding claim characterized in that~~ according
to claim 14 wherein the chamber ~~(15)~~ can be displaced along the
glue supplying line ~~(4a, 13)~~ at least partly in ~~the~~ a direction
~~(y)~~ extending perpendicular to ~~the~~ a transport direction ~~(x)~~ of
the bag ~~components~~.

~~Claim 16.~~ (Currently amended)[[:]] ~~Base~~ The base insert device
~~pursuant~~ according to claim ~~1~~ ~~characterized in that~~ 14 wherein
the glue supplying line ~~(4a, 13)~~ has a cross-sectional area[[:]]
which is smaller than ~~that~~ a cross-sectional area of the chamber
~~(15)~~.

~~Claim 17.~~ (Currently amended)[[:]] ~~Base~~ The base insert device
~~pursuant to the preceding claim characterized in that~~ according

to claim 16 wherein the glue supplying line ~~has a~~ cross-sectional area[[,]] which is smaller than ~~that of~~ the chamber cross-sectional area by at least 40 mm².

18. (New) A bag insert device for making cross bottom valve paper bags, comprising:

folding devices that make folds at ends of tube sections from which the bags are produced so as to make a folded bottom;

one or more gluing stations that apply a glue to areas of the folds to be glued and/or to labels provided with the bottom for gluing;

at least one press compaction deck in which the folded bottoms and the labels are brought into contact with each other and glued;

at least one glue deck provided for the labels and/or bottoms, the glue deck being equipped with glue outlets which can be fed selectively, such that through selection of the glue outlets a format of the glue that is applied can be defined; and

at least one application head to which the glue outlets are assigned, the application head having mounted thereon a valve which can selectively open and shut a connection between the glue outlets and a glue feed, the glue feed including at least one conduit which extends up to the application head, and at least one chamber through which at least one part of the valves is fed with the glue, the chamber having a circular cross-section with a

diameter of at least 5 mm in at least one place or a rectangular cross-section configured to accommodate the cross-section with the diameter of at least 5 mm in at least one place.

19. (New) The bag insert device according to claim 18, wherein the chamber is configured to feed a starch glue.

20. (New) The bag insert device according to claim 18, wherein the glue is a starch glue.